



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
RYOZO SETOGUCHI )  
International Application No.: PCT/JP96/03599 )  
International Application Date: December 6, 1996 )  
For: PARALLEL PROCESSING DEVICE FOR GENERATING )  
SHAPE AND/OR DISPLAYING IMAGE )  
)  
)  
)

PRELIMINARY AMENDMENT

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Dear Sir,

Please amend the above-identified PCT application is now entering the U.S.  
National Stage as follows.

IN THE CLAIMS:

Cancel Claims 1-3 (described in [the translation of] the PCT Article 34(2)(b)  
Amendment) without prejudice.

Add new Claims 4-6 as follows:

--4. A parallel processing device for generating a shape and/or displaying an image  
wherein a sequential and/or simultaneous parallel process is carried out on a shape engine  
and/or a geometric engine and/or a graphic engine, which are displaying machines that  
create a three dimensional (3D) shape and/or a two dimensional (2D) shape, characterized in  
that 4<sup>n</sup> each of said engines are provided, wherein n is a numerical number which shows the  
organization composing level and shape generating level of a curved body surface and the  
minimum value is 0.

5. A parallel processing device for generating a shape and/or displaying an image,  
wherein a shape engine which is a machine that creates and displays a 3D shape and/or a 2D